

FIG. 1A

Aether Systems Ref: AIM.COMP
Venable Ref: 35825/164586

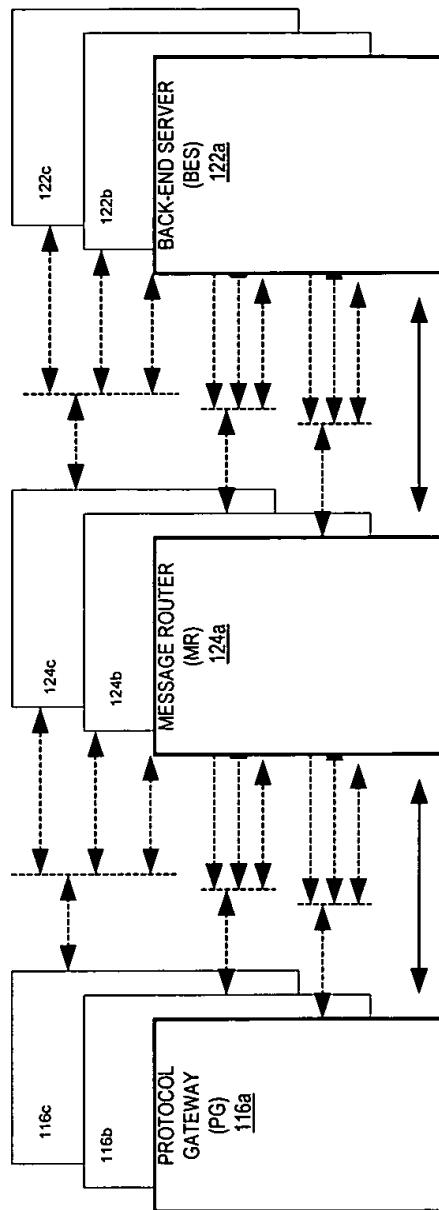


FIG. 1B

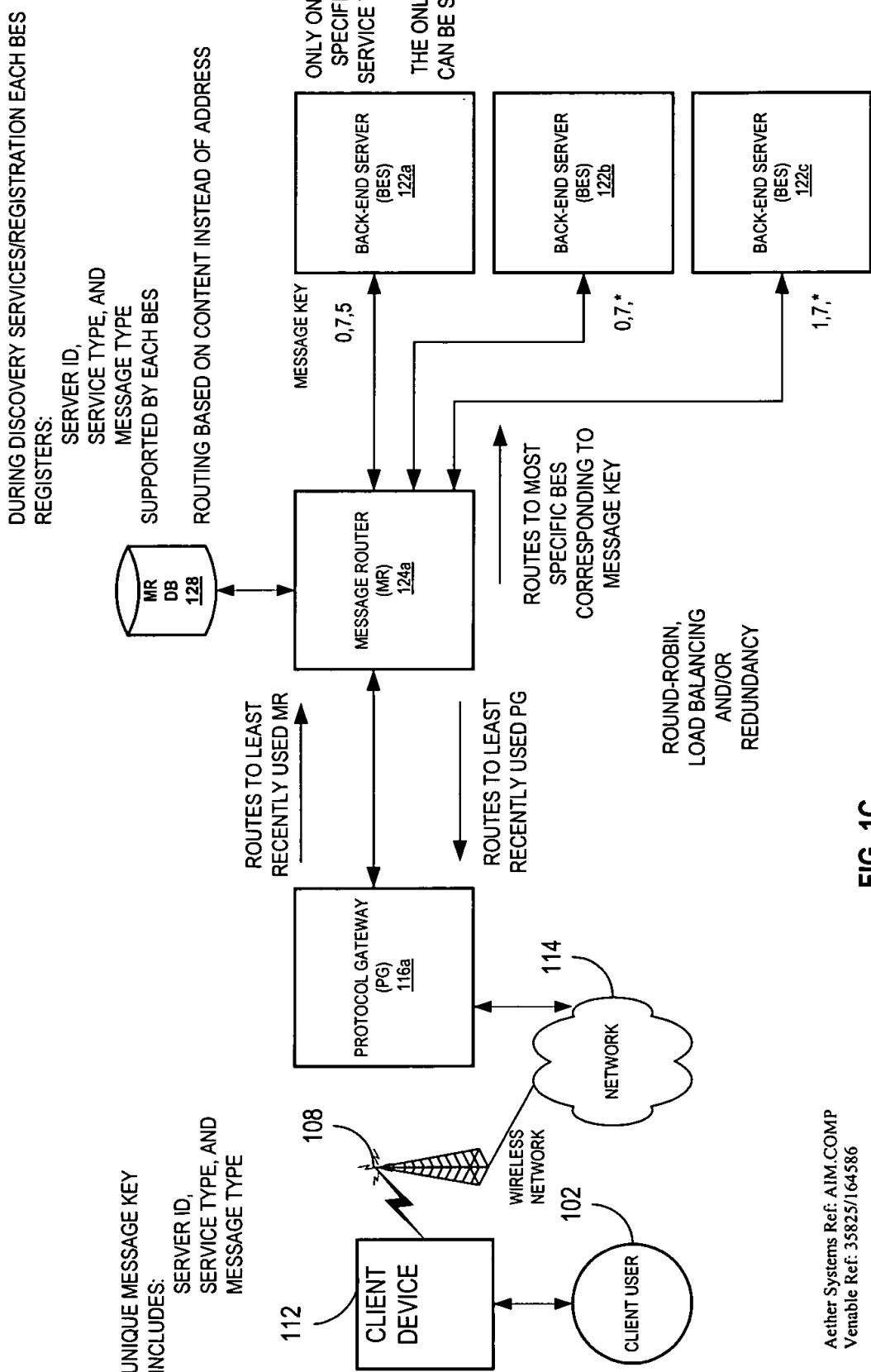
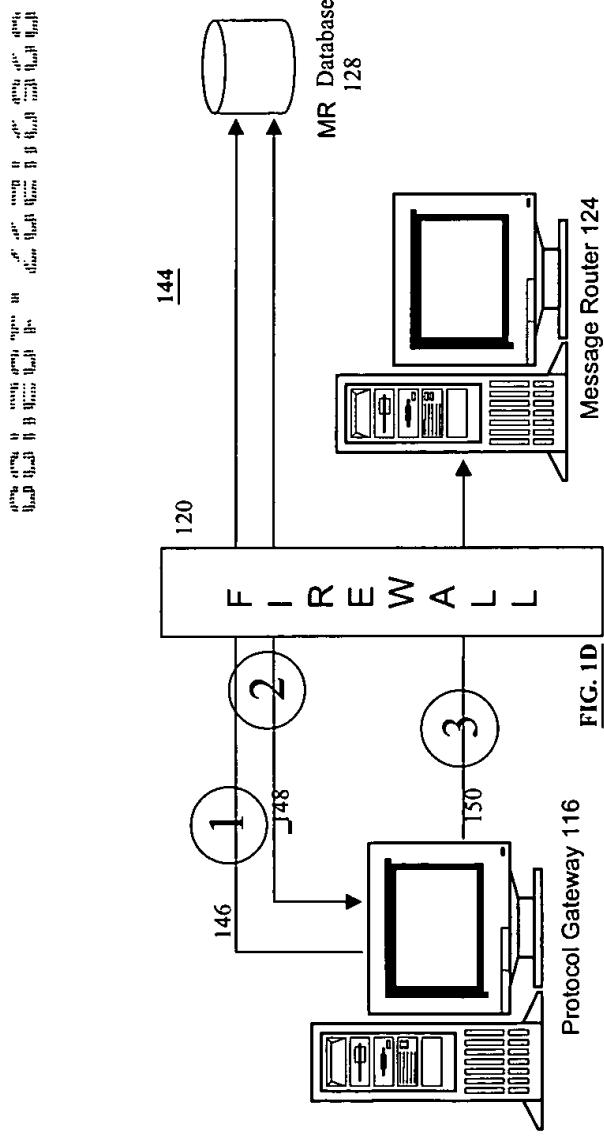
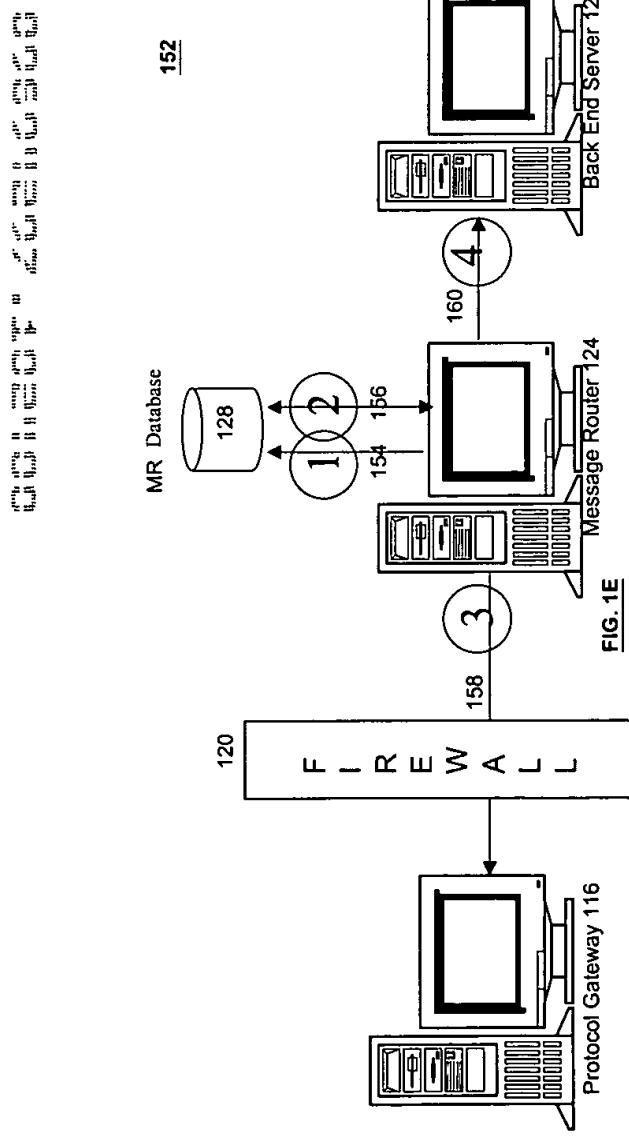


FIG. 1C





Aether Systems Ref: AIM.COMP
Venable Ref: 35825/164586

66
164
128

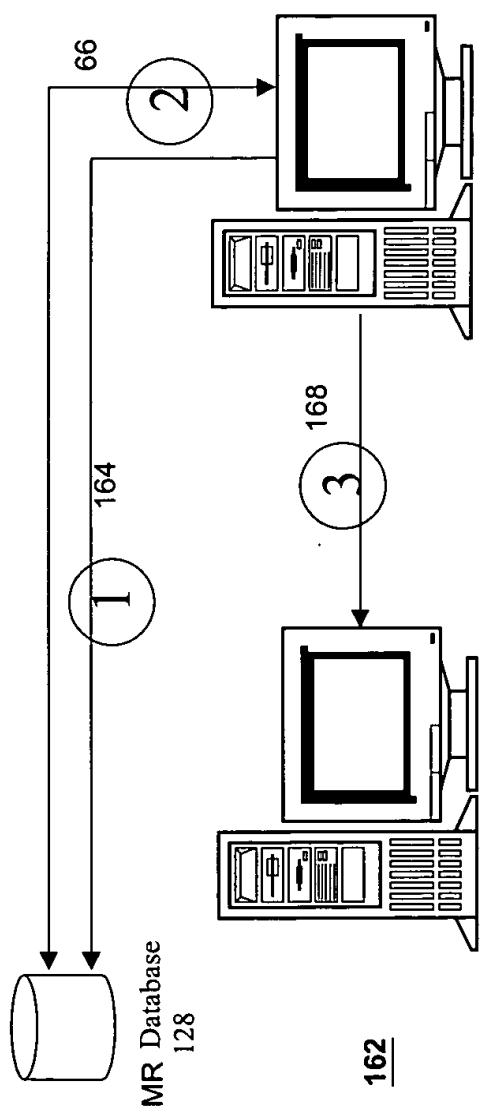


FIG. 1F
Message Router 124 Back End Server 122

0000 0000 0000 0000 0000 0000 0000 0000

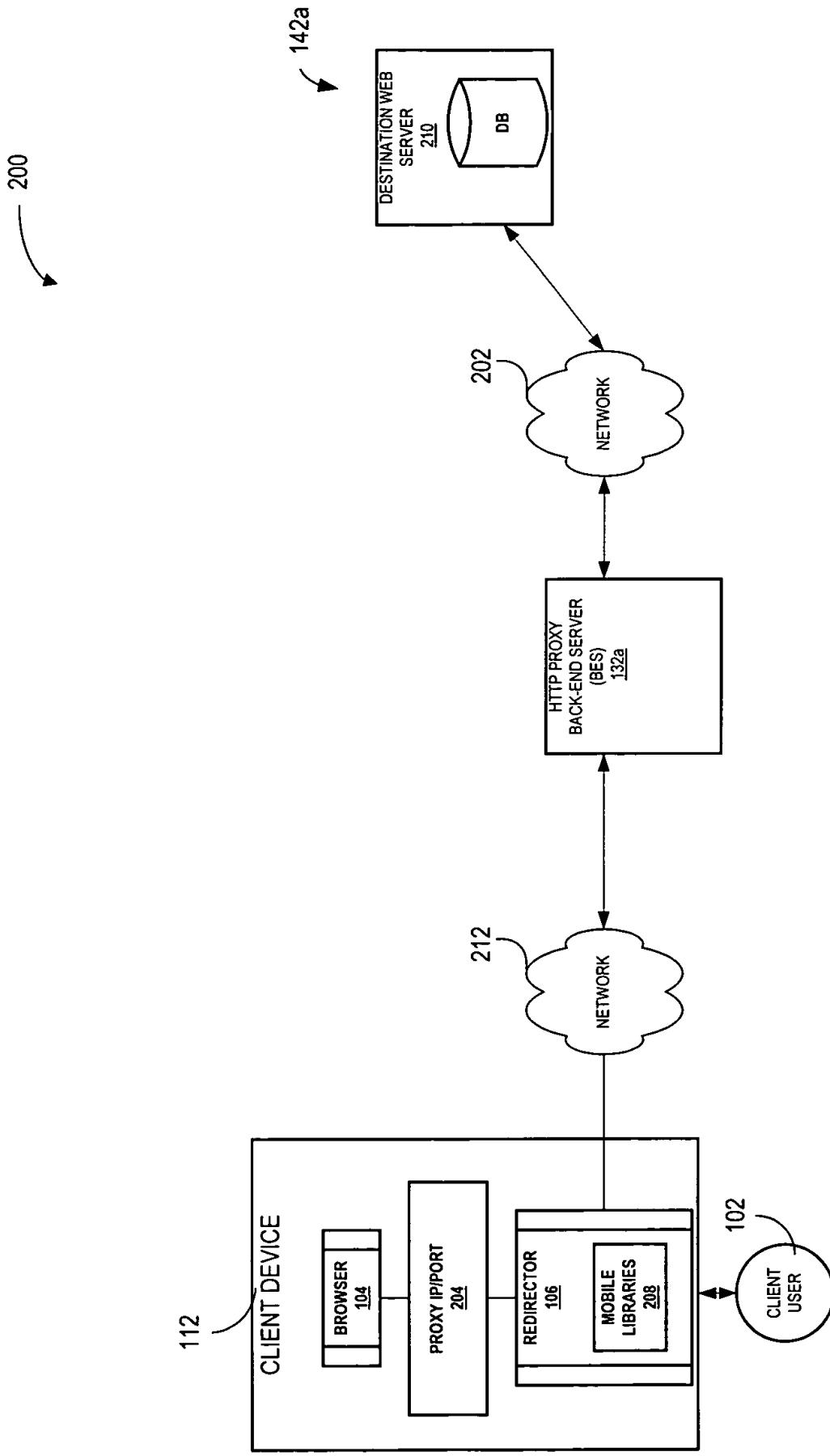
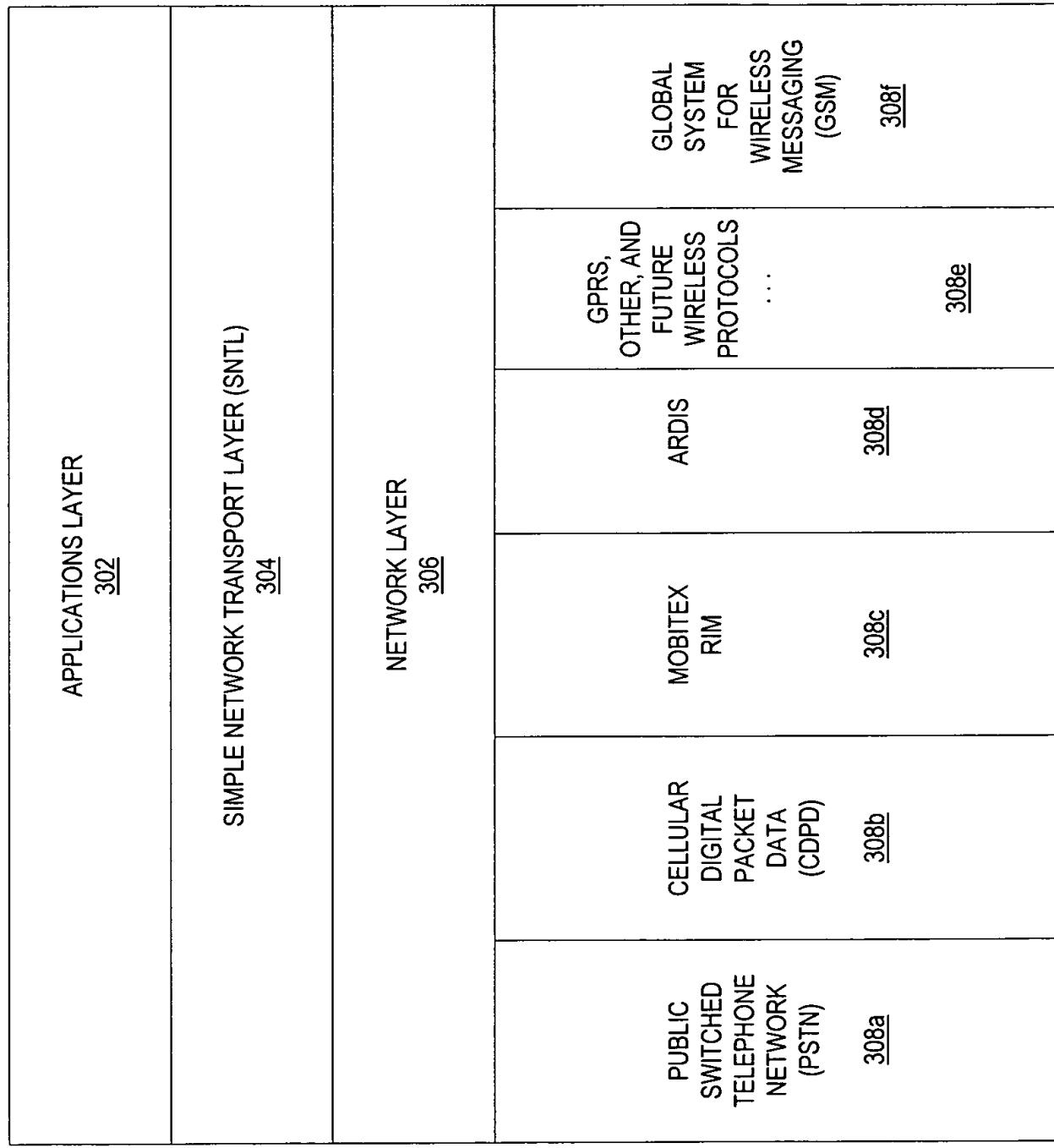


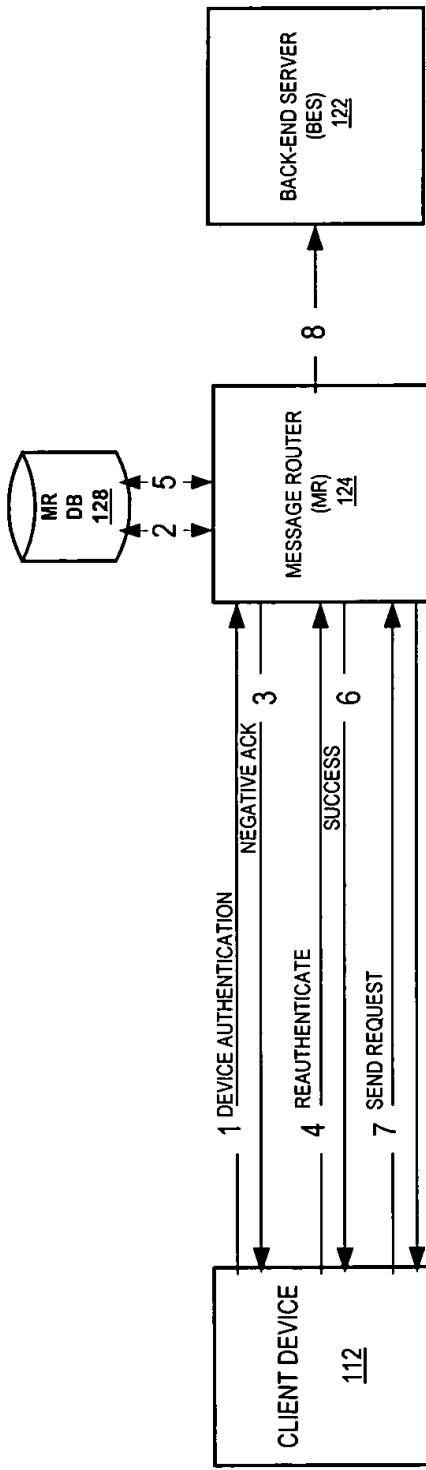
FIG. 2

OSI

300



400
CLIENT DEVICE
112



500

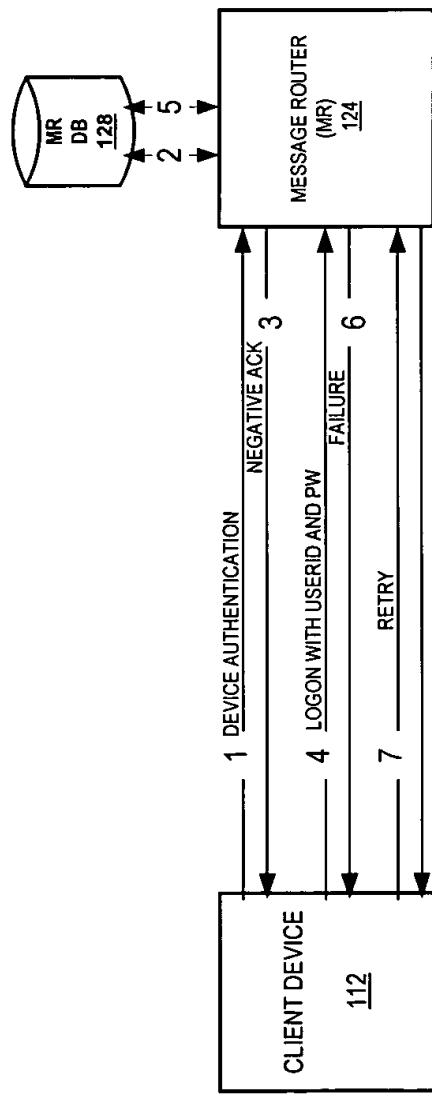
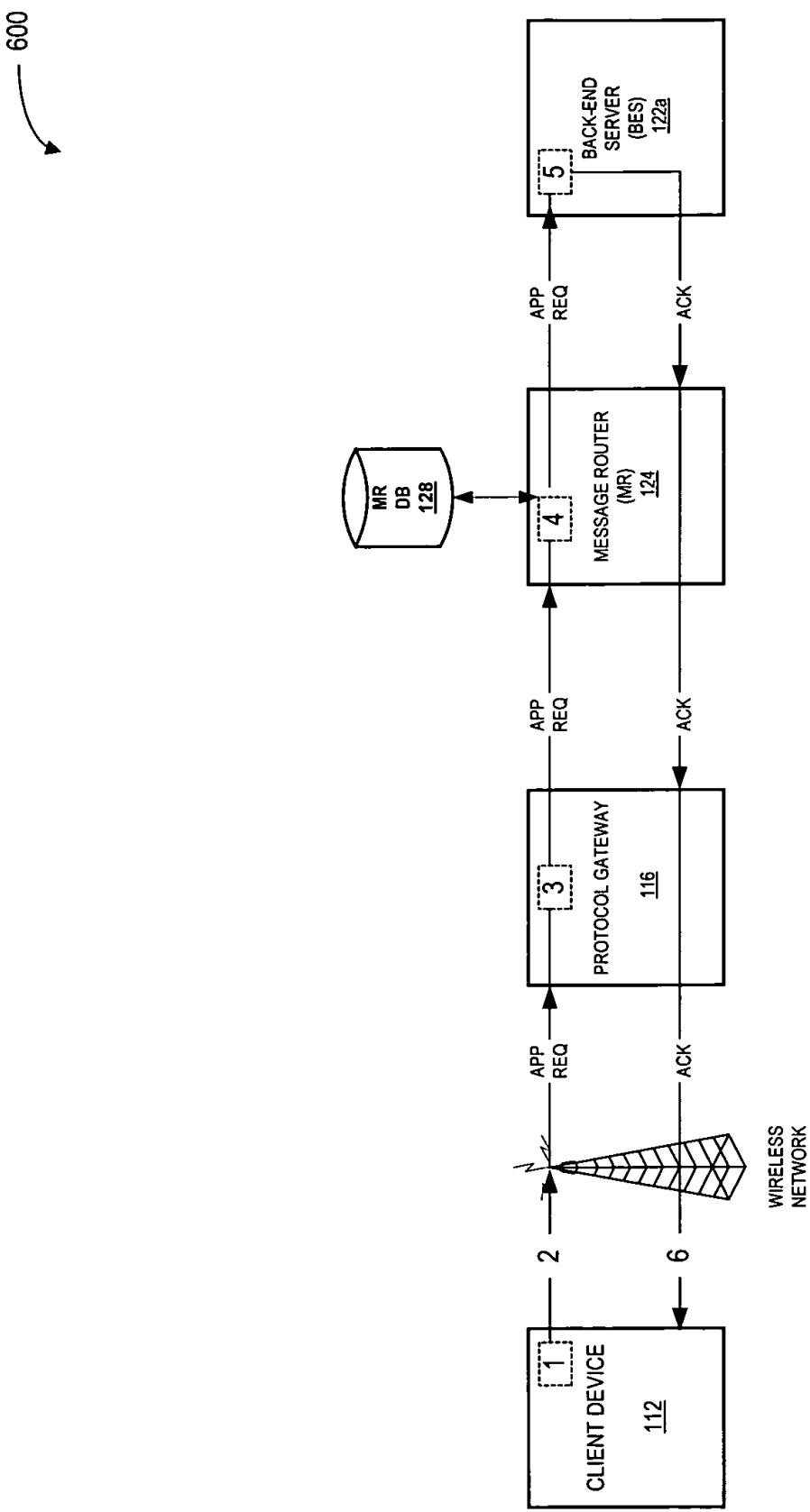
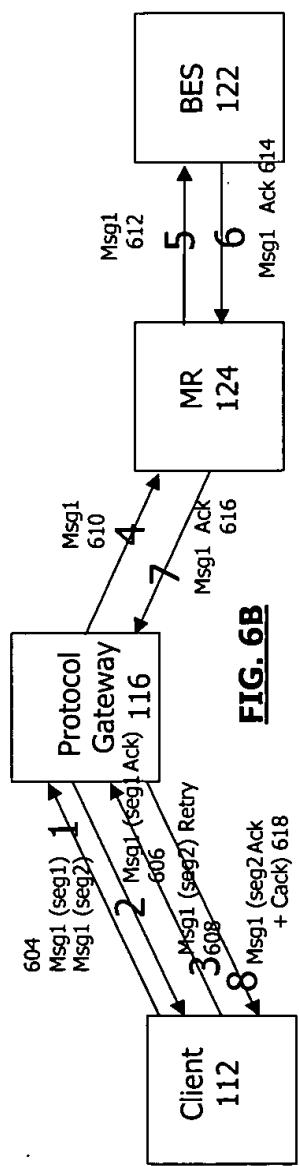


FIG. 6A



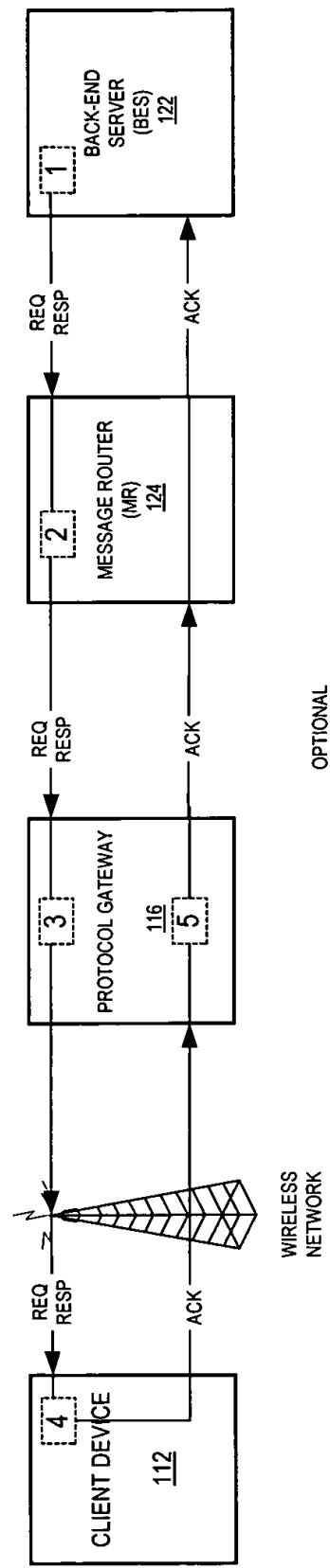
602

602



0000 0000 0000 0000 0000 0000 0000 0000
0000 0000 0000 0000 0000 0000 0000 0000

700



either systems ref: aim.com
Venable Ref: 35825/164586

702

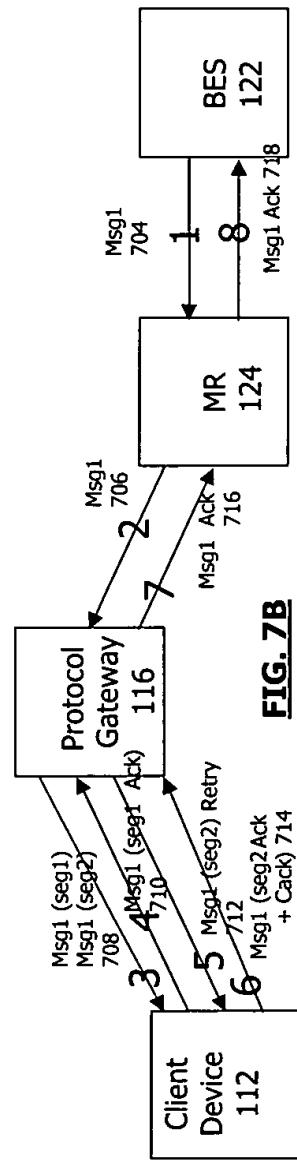
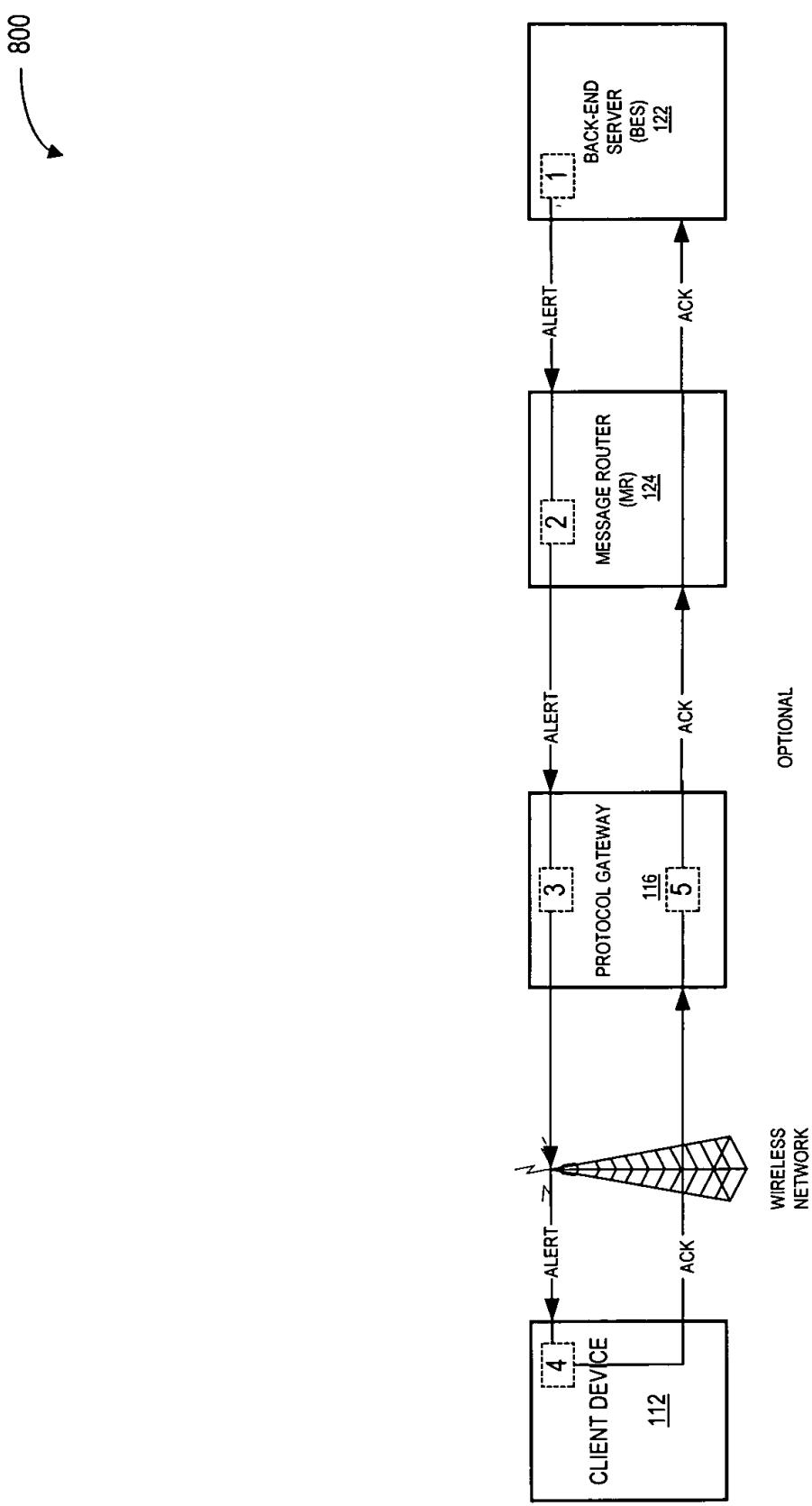


FIG. 8A



802
CLIENT DEVICE 112a
PROTOCOL GATEWAY 116a
MESSAGE ROUTER 124
BACK-END SERVER 122

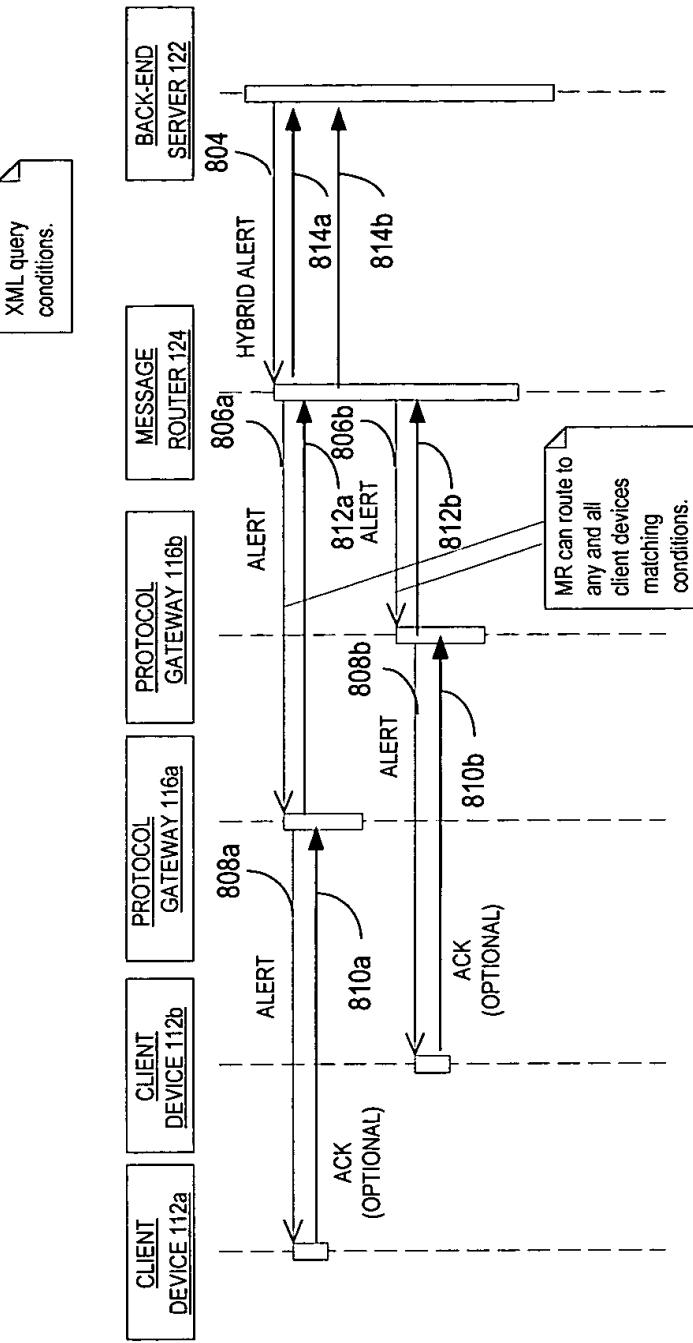


FIG. 8B

816
MESSAGE ROUTER 124
ALERT

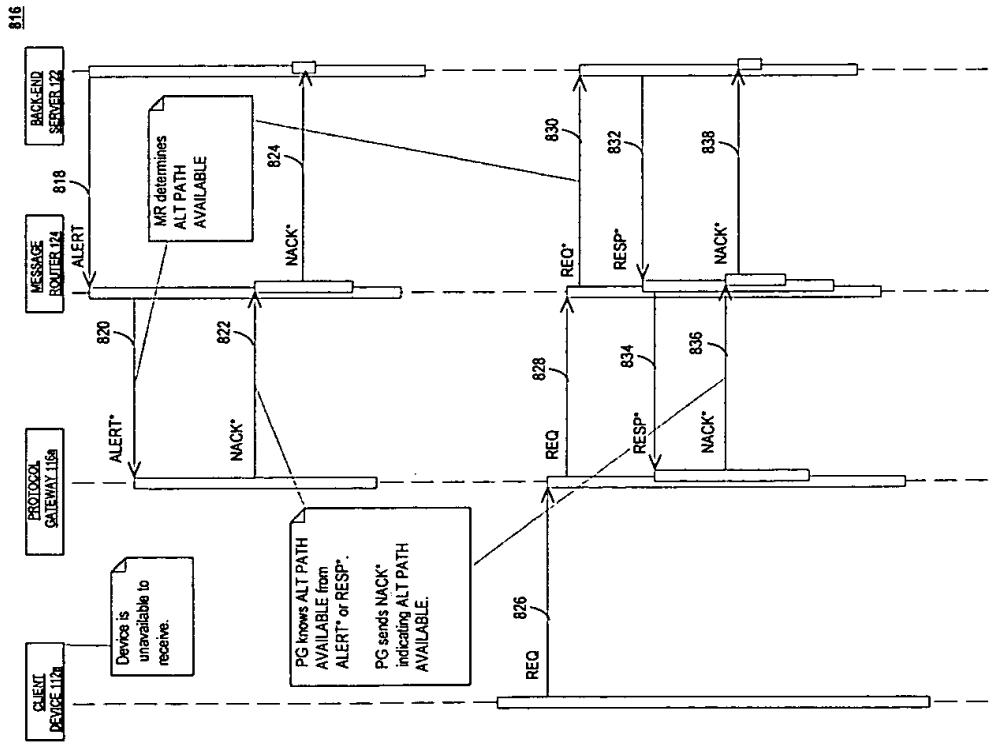


FIG. 8C

900
902 904 906 908
0 2 8 15 20 31

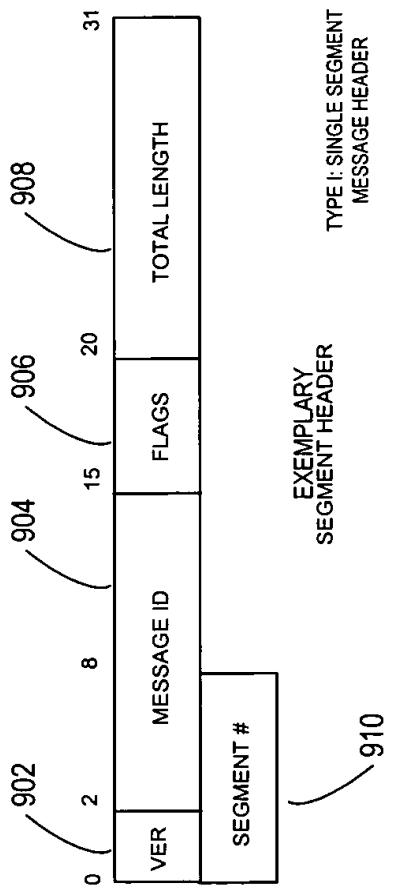


FIG. 9